

**CHEM INTERNATIONAL****MATERIAL SAFETY DATA SHEET****EMERGENCY #: CANUTEC (613) 996-6666****PRODUCT IDENTIFICATION AND PREPARATION INFORMATION****PRODUCT NAME:** C.I. Ultra Kleen**EFFECTIVE DATE:** January 15, 2009**WHMIS CLASS:** D2B**T.D.G. CLASSIFICATION:****UN: CLASS: PG:****CHEMICAL FAMILY:****MATERIAL USE:** Laundry Powder.**HAZARDOUS INGREDIENTS**

<b>INGREDIENTS</b>	<b>CAS #</b>	<b>Wt%</b>	<b>ACGTH-TLV</b>	<b>LC50</b>	<b>LD50</b>
Sodium Carbonate	497-19-8	10-30%		2300 mg/m <sup>3</sup> /2 hrs	2800 mg/kg (oral,rat)
Nonoxynol	9016-45-9	1-5		N/A	2590 mg/kg (oral,rat)

**PHYSICAL DATA****BOILING POINT(°C):** N/A**COEF. OF WATER/OIL DIST.:** N/A**VAPOUR PRESSURE (mm Hg):** N/A**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** N/A**VAPOUR DENSITY (Air=1):** N/A**PERCENT VOLATILE (by vol.):** N/A**SOLUBILITY IN WATER:** Soluble**EVAPORATION RATE (H<sub>2</sub>O=1):** N/A**PHYSICAL STATE:** Powder**ODOUR THRESHOLD:** N/A**pH (as supplied):** 10.5-11.1 (1% solution)**FREEZING POINT(°C):** N/A**APPEARANCE AND ODOUR:** Free Flowing, Lemon**FIRE AND EXPLOSION DATA****FLAMMABILITY:** Non-flammable**FLASH POINT (Deg C method):** N/A**UEL:** N/A**LEL:** N/A**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of Carbon**MEANS OF EXTINCTION:** Water, CO<sub>2</sub>, dry powder, foam**SPECIAL FIRE HAZARDS:** In case of fire, use recommended safety equipment a self contained breathing apparatus.**AUTO IGNITION TEMP.:** N/A**EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT:** N/A **STATIC DISCHARGE:** N/A**REACTIVITY DATA****CONDITIONS FOR CHEMICAL INSTABILITY:** Stable**INCOMPATIBILITY:** Strong oxidizing agent, strong acids, fluorine gas, lithium.**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon on burning.**REACTIVITY:** Moderately reactive with strong acids.**FIRST AID****EYE:** Avoid contact with eyes.**SKIN:** Flush with water**INHALATION:** Remove to fresh air.**INGESTION:** Do not induce vomiting. If conscious, have victim drink plenty of milk, juice or water. Obtain medical attention.

Never give anything by mouth to an unconscious person.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes, skin contact, inhalation, ingestion

**EFFECTS OF ACUTE EXPOSURE:**

**EYE:** Not avail.

**SKIN:** Not avail.

**INHALATION:** Not avail.

**INGESTION:** May cause nausea, vomiting and diarrhea.

**EFFECTS OF CHRONIC EXPOSURE:**

**IRRITANCY:** N/AV

**CARCINOGENICITY:** Non hazardous by WHMIS criteria

**REPRODUCTIVE TOXIN:** n/d

**TERATOGENICITY:** n/d

**MUTAGENICITY:** n/d

**SYNERGISTIC MATERIALS:** n/d

**EXPOSURE LIMITS:** N/AV

## PREVENTATIVE MEASURES

**GLOVES:** Wear impervious gloves.

**EYE PROTECTION:** Wear safety glasses

**RESPIRATORY PROTECTION:** Not required in well ventilated areas.

**OTHER PROTECTIVE EQUIPMENT:**

**ENGINEERING CONTROLS:** Normal ventilation.

**LEAK AND SPILL PROCEDURE:** Shovel or sweep up in a suitable container. Flush residues with plenty of water.

**WASTE DISPOSAL:** Dispose in accordance with environmental regulations.

**STORAGE REQUIREMENTS:** Keep containers closed in a cool dry place away from incompatible materials.

**HANDLING PROCEDURES:** Not avail

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE  
<=LESS THAN - >=MORE THAN

## HMIS HAZARD RATING INFORMATION

**FIRE**

**REACTIVITY**

**HEALTH**

**PERSONAL PROTECTION**

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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